

**United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101**

Date: 08/29/2006

Subject: Transmittal of Sample Analysis Results for ASR #: 3151

Project ID: EMA78Q00

Project Description: United Zinc No. 1 site sampling

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Eddie McGlasson
SUPR/ER&R

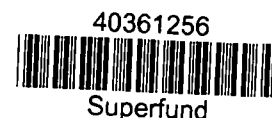
Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.



Project Manager: Eddie McGlasson

Org: SUPR/ER&R

Phone: 913-551-7756

Project ID: EMA78Q00

Project Desc: United Zinc No. 1 site sampling

Location: Iola

State: Kansas

Program: Superfund

Site Name: United Zinc No. 1 -

Site ID: A78Q **Site OU:** 00

Purpose: Site Characterization

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

Units: Specific units in which results are reported.

___ = Field Sample

% = Percent

mg/kg = Milligrams per Kilogram

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.

U = The analyte was not detected at or above the reporting limit.

ASR Number: 3151**Sample Information Summary****08/29/2006****Project ID: EMA78Q00****Project Desc: United Zinc No. 1 site sampling**

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 - ___		Solid	EPA #270, Cell #2 (520 South Sycamore)		08/15/2006	10:10			08/17/2006
2 - ___		Solid	EPA #64, Cell #1 (910 North Walnut)		08/08/2006	10:05			08/17/2006
3 - ___		Solid	EPA #102, Cell #2 (416 East Jackson)		08/08/2006	09:15			08/17/2006
4 - ___		Solid	EPA #76, Cell #3 (812 North Walnut)		08/08/2006	09:53			08/17/2006
5 - ___		Solid	EPA #183, Cell #1 (402 South Sycamore)		08/08/2006	08:45			08/17/2006
6 - ___		Solid	EPA #261, Cell #1 (507 South Jefferson)		08/09/2006	10:45			08/17/2006
7 - ___		Solid	EPA #266, Cell #1 (415 South Sycamore)		08/09/2006	14:50			08/17/2006
8 - ___		Solid	EPA #260, Cell #1 (615 South Jefferson)		08/09/2006	10:00			08/17/2006
9 - ___		Solid	EPA #268, Cell #2 (502 South Sycamore)		08/09/2006	16:40			08/17/2006
10 - ___		Solid	EPA #262, Cell #4 (420 South Jefferson)		08/09/2006	11:30			08/17/2006
11 - ___		Solid	EPA #2 (204 South Kentucky) - Post Ex.		08/16/2006	08:10			08/17/2006
12 - ___		Solid	Backfill sample		08/16/2006	07:45			08/17/2006

ASR Number:3151

RLAB Approved Analysis Comments

08/29/2006

Project ID: EMA78Q00

Project Desc: United Zinc No. 1 site sampling

Analysis	Comments About Results For This Analysis
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1	Metals in Solids by ICP
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Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3B

Samples: 1-__ 2-__ 3-__ 4-__ 5-__ 6-__ 7-__
8-__ 9-__ 10-__ 11-__ 12-__

Comments:

(N/A)

1	Percent Solid
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Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3142.9D

Samples: 1-__ 2-__ 3-__ 4-__ 5-__ 6-__ 7-__
8-__ 9-__ 10-__ 11-__ 12-__

Comments:

(N/A)

ASR Number: 3151

RLAB Approved Sample Analysis Results

08/29/2006

Project ID: EMA78Q00

Project Desc: United Zinc No. 1 site sampling

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	10.1	12.3	11.7	5.91
Barium	mg/kg	182	130	144	121
Cadmium	mg/kg	10.6	10.6	9.85	11.0
Lead	mg/kg	552	907	631	817
Zinc	mg/kg	1160	1140	1250	1130
1 Percent Solid					
Solids, percent	%	78.7	94.1	85.9	94.0

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Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	16.8	14.4	14.3	10.5
Barium	mg/kg	251	143	177	132
Cadmium	mg/kg	10.3	9.16	11.0	9.19
Lead	mg/kg	1440	805	1660	290
Zinc	mg/kg	1140	980	2400	737
1 Percent Solid					
Solids, percent	%	90.2	89.3	95.5	91.8

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RLAB Approved Sample Analysis Results

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Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	9.05	6.38	5 U	6.79
Barium	mg/kg	114	308	190	149
Cadmium	mg/kg	8.93	8.04	6.86	10.2
Lead	mg/kg	647	396	111	58.8
Zinc	mg/kg	1280	772	307	139
1 Percent Solid					
Solids, percent	%	95.0	91.3	82.5	85.5